

MULTI-SOURCE LCD BACKLIGHT FOR WHITE BALANCE ADJUSTMENT

ABSTRACT OF THE DISCLOSURE

5 A liquid crystal display (LCD) panel has a variable white balance. The LCD panel includes an LCD screen, a first light source, a second light source and a light path directing the first and second light sources onto the LCD screen and a control circuit used to adjust the relative intensities of the first and second light sources. The first light source has a first color spectrum and the second light source a second color spectrum. The color spectrums of the first and second light sources are mixed in the light path to create a balanced white spectrum.